In the Claims:

Please amend the claims as follows:

1. (currently amended) A method for manufacturing cellulose carbamate, comprising:

absorbing into cellulose an auxiliary agent and urea;

carrying out a reaction between cellulose and urea in a mixture including cellulose, a liquid, the auxiliary agent, and urea, wherein the liquid content in the mixture is less than 40 %; and

subjecting the mixture to mechanical working, thereby at least partially performing at least one of enhancing the absorption of the auxiliary agent and urea to the cellulose or performing the reaction between the cellulose and urea, wherein said mechanical working comprises compressing, rubbing, and stretching the mixture a plurality of times.

2. (previously amended) The method according to claim 1, wherein the auxiliary agent is an alkalizing agent.

3. (previously amended) The method according to claim 1, wherein the auxiliary agent is hydrogen peroxide.

4. (cancelled)

5. (previously amended) The method according to claim 4, wherein the mixture is

subjected to the working between two surfaces moving in relation to each other.

6. (previously amended) The method according to claim 5, wherein in the working, the mixture is pressed through openings in one of the surfaces.

7. (previously amended) The method according to claim 5, wherein the working is performed by running the mixture through a nip formed by two rolls.

8. (previously amended) The method according to claim 7, wherein the surface of at least one of the rolls is provided with a grooving.

9. (previously amended) The method according to claim 5, wherein the same mixture is recirculated several times between the two surfaces moving in relation to each other.

10. (previously amended) The method according to claim 1, wherein more than 50 % of the liquid is water.

11. (previously amended) The method according to claim 1, wherein the auxiliary agent and an aqueous solution of urea are premixed into cellulose in such a way that the liquid substances are added in atomized form.

12. (previously amended) The method according to claim 11, wherein the premixing is performed in a fluidized bed mixer.

13. (previously amended) The method according to claim 1, wherein the processing time is less than 30 min.

14. (previously amended) The method according to claim 1, wherein the cellulose is wood cellulose or dissolving pulp or cotton linters.

15. (previously amended) The method according to claim 1, wherein the cellulose is finely ground to a grain size of < 2 mm.

16. (previously amended) The method according to claim 1, wherein during the working, the temperature of the mixture is adjusted by the circulation of an external heating or cooling medium.

17. (previously presented) The method according to claim 1, wherein the liquid content in the mixture is less than 30 %.

18. (previously presented) The method according to claim 1, wherein the liquid content in the mixture is less than 25 %.

19. (previously presented) The method according to claim 1, wherein the liquid content in the mixture is less than 22 %.

20. (previously presented) The method according to claim 2, wherein the alkalizing agent is sodium hydroxide.

21. (previously amended) The method according to claim 1, wherein the mixture is subjected to a mechanical working in such a way that the components of the mixture are subjected to working repeatedly.

22. (previously presented) The method according to claim 6, wherein the working is performed in a sieve press.

23. (previously amended) The method according to claim 10, wherein more than 70 % of the liquid is water.

24. (previously presented) The method according to claim 10, wherein more than 90 % of the liquid is water.

25. (previously presented) The method according to claim 10, wherein all of the liquid is water.

26. (previously presented) The method according to claim 13, wherein the processing time is less than 20 min.

27. (previously presented) The method according to claim 13, wherein the processing

time is less than 15 min.

28. (previously presented) The method according to claim 13, wherein the processing time is less than 10 min.

29. (previously presented) The method according to claim 15, wherein the cellulose is ground to a grain size of less than 1 mm.

30. (previously presented) The method according to claim 15, wherein the cellulose is ground to a grain size of less than 0.7 mm.

31. (previously presented) The method according to claim 1, wherein the auxiliary agent, an aqueous solution of urea, and dry, powdery urea are premixed into cellulose in such a way that the liquid substances are added in atomized form.

32. (new) The method according to claim 1, further comprising:

transferring the mixture directly, without drying in an intermediate step, from the mechanical working to an elevated temperature to complete the reaction between the cellulose and urea.